

IN THE CLAIMS:

Please amend Claims 1, 2, 4, 8, 9, 10, 16 and 17, as follows.

1. (Currently Amended) An image sensing apparatus comprising:
a noise reduction device that, utilizing time correlation of sensed images,
reduces noise added ~~to the~~ to a sensed ~~images~~ image by an internal apparatus factor ~~utilizing time correlation of sensed images~~;

a zoom controller that controls a zoom magnification factor of the image sensing apparatus;

a determination device that determines whether said zoom controller is executing a zoom operation; and

a setting device that sets a control value for time correlation in said noise reduction device in accordance with a determination by said determination device.

2. (Currently Amended) The image sensing apparatus according to claim 1, wherein said setting device sets the control value to a control value providing a lower noise reduction amount than a noise reduction amount to be used when the zoom operation is stopped, when said determination device determines that a zoom operation is being executed.

3. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device sets the control value for said noise reduction device in accordance with a magnification factor per unit time used by said zoom controller.

4. (Currently Amended) The image sensing apparatus according to claim 1, further comprising an exposure control device that controls an exposure of the picked-up

image, wherein said setting device changes the control value for said noise reduction device ~~means~~ in accordance with a control value for said exposure control device.

5. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device stepwise changes the control value for said noise reduction device when a zoom operation switches from an execution state to a stop state.

6. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device stepwise changes the control value for said noise reduction device when a zoom operation switches from a stop state to an execution state.

7. (Previously Presented) The image sensing apparatus according to claim 1, further comprising an optical zoom device that performs optical zooming of an image of an object and an electronic zoom device that performs processing of the image of the object, wherein said zoom control device controls said optical zoom device for optically zooming the image of the object and said electronic zoom device for electronically processing the image of the object.

8. (Currently Amended) The image sensing apparatus according to claim 7, wherein said electronic zoom device executes a zoom operation for an image in which noise has been reduced by said noise reduction device, and said setting device sets the control value to a control value providing a lower noise reduction amount than a noise reduction amount to be used when said electronic zoom device executes the zoom operation, when said determination device determines that said optical zoom device executes the zoom operation.

9. (Currently Amended) An image sensing method for an image sensing apparatus, comprising the steps of:

reducing noise added by an internal apparatus factor to a sensed image, ~~image~~
~~by an internal apparatus factor~~ utilizing time correlation of sensed images;

controlling a zoom magnification factor of the image sensing apparatus;

determining whether a zoom operation is being executed in said zoom control step; and

setting a control value for time correlation in said noise reduction step in accordance with a determination in said determining step.

10. (Currently Amended) The method according to claim 9, wherein said setting step sets the control value to a control value providing a lower noise reduction amount than a noise reduction amount to be used when a zoom operation is stopped, when said determining step determines that the zoom operation is being executed.

11. (Original) The method according to claim 9, wherein said setting step sets the control value for said noise reduction step in accordance with a magnification factor per unit time used at said zoom control step.

12. (Original) The method according to claim 9, further comprising a step of controlling an exposure of the picked-up image, wherein said setting step changes the control value for said noise reduction step in accordance with a control value for said exposure control step.

13. (Previously Presented) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches from an execution state to a stop state.

14. (Previously Presented) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches from a stop state to an execution state.

15. (Original) The method according to claim 9, further comprising a step of optically zooming an image of an object and a step of electronically processing the image of the object, wherein said zoom control step controls said optical zoom step of optically zooming the image of the object and said electronic zoom step of electronically processing the image of the object.

16. (Currently Amended) The method according to claim 15, wherein said electronic zoom step executes the zoom operation for an image in which added noise is reduced in said noise ~~reducing~~ ~~reduction~~ step, and said setting step sets the control value to a control value providing a lower noise reduction amount than a noise reduction amount to be used when said electronic zoom step executes a zoom operation, when it is determined in said determining step that said optical zoom step is executing the zoom operation.

17. (Currently Amended) A storage medium storing a program for executing an image sensing method for an image sensing apparatus, said method comprising the steps of:

reducing noise added by an internal apparatus factor to a sensed image, ~~image~~
~~by an internal apparatus factor~~ utilizing time correlation of sensed images;

controlling a zoom magnification factor of the image sensing apparatus;
determining whether a zoom operation is being executed in said zoom
magnification factor controlling control step; and
setting a control value for time correlation in said noise reduction step in
accordance with a determination in said determining step.